

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) An isolated and purified polynucleotide molecule which encodes ~~mammalian a murine~~ Dab1 (Disabled protein 1) as depicted in SEQ ID NO: 3, ~~or a fragment thereof, wherein the mammalian Disabled protein comprises a phosphotyrosine binding domain and can associate with the SH2 domain of Src, Abl or Fyn, or a complementary sequence thereof.~~
2. (Original) The polynucleotide of claim 1, which is genomic DNA, or a cDNA sequence.
3. - 5. (Cancelled)
4. (Canceled)
6. (Currently amended) A probe which comprises an oligonucleotide capable of specifically hybridizing at 65-68°C in aqueous solution containing 4-6X SSC, or 42°C in 50% formamide combined with washes at a high temperature of 5 to 25°C below the  $T_m$  and at a low salt concentration of 0.1X SSC) with a polynucleotide sequence which encodes a ~~mammalian murine~~ Disabled protein 1 as depicted in SEQ ID NO: 2 ~~3, or allelic and species variants thereof, wherein the mammalian Disabled protein, allelic or species variant thereof comprises a phosphotyrosine binding domain and can associate with the SH2 domain of Src, Abl or Fyn or a complement thereof.~~
7. (Original) The probe of claim 6, which comprises from about 15 to about 60 nucleotides in length.
8. (Original) The probe of claim 6, which further comprises a detectable signal.

9. (Canceled)

10. (Currently amended) A DNA construct comprising the following operably linked elements:

a transcriptional promoter;

a DNA sequence encoding a ~~mammalian murine~~ Disabled protein 1 as depicted in SEQ ID NO: 3, ~~or a fragment thereof which comprises a phosphotyrosine binding domain and can associate specifically with the SH2 domain of Src, Abl or Fyn or a complement thereof;~~ and

a transcriptional terminator.

11. (Currently amend) The DNA construct of claim 10, wherein the DNA sequence encoding a ~~mammalian murine~~ Disabled protein 1 is substantially the oligonucleotide sequence depicted as in SEQ ID NO:2.

12. (Currently amended) The DNA construct of claim 10, wherein the DNA sequence encoding a ~~mammalian the murine~~ Disabled protein is substantially depicted as residues 107 to 243 of SEQ ID NO:3.

13. (Currently amended) A cultured host cell transformed or transfected with a DNA construct which comprises the following operably linked elements:

a transcriptional promoter operable in the host cell;

a DNA sequence encoding a ~~mammalian murine~~ Disabled protein 1 as depicted in SEQ. ID. NO: 3, ~~or a fragment thereof, which comprises a phosphotyrosine binding domain and can associate with the SH2 domain of Src, Abl or Fyn, or a complement thereof;~~ and

a transcriptional terminator operable in the host cell.

14. (Original) The host cell of claim 13, wherein the host cell is a prokaryotic or eukaryotic cell.

15. (Original) The host cell of claim 14, wherein the prokaryotic cell is a bacterial cell.

16. (Original) The host cell of claim 14, wherein the eukaryotic cell is a yeast cell or a mammalian cell.

17. - 35. (Cancelled)